

Appia No. 10/760201
Amdt. Dated: December 07, 2006
Response to Office Action of October 27, 2006

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A printhead assembly, comprising:
at least two printhead modules each comprising at least two printhead integrated circuits, each of which has nozzles formed therein for delivering printing fluid onto the surface of print media and an associated fluid distribution member, and a support member supporting the at least two printhead integrated circuits via the respective fluid distribution members; and
a casing in which the at least two printhead modules are removably mounted, wherein each support member has at least one longitudinally extending channel for carrying the printing fluid for the printhead integrated circuits which is configured to communicate said printing fluid with the channel of the adjacent support member, the fluid distribution member of each printhead integrated circuit being configured to distribute the printing fluid from the channels to the associated printhead integrated circuit, and
two fluid connectors are provided to each connect with a longitudinal end of a respective printhead module, each of the fluid connectors being arranged to connect at least one fluid delivery hose from a fluid supply to the at least one channel of the support member mounted at the corresponding longitudinal end of the respective printhead module.
2. (Previously Presented) A printhead assembly according to claim 1, wherein:
each support member has complementary female and male end portions;
a first one of the two fluid connectors is arranged to interconnect with the female end portion; and
a second one of the two fluid connectors is arranged to interconnect with the male end portion.
3. (Original) A printhead assembly according to claim 2, wherein a sealing adhesive is provided at the interfaces of the interconnected fluid connectors and printhead module.
4. (Original) A printhead assembly according to claim 3, wherein the sealing adhesive is an epoxy.

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5. (Original) A printhead assembly according to claim 2, wherein the fluid connectors have at least one tubular portion for connecting with the associated at least one fluid delivery hose and each tubular portion is arranged to be in fluid connection with the at least one channel of the printhead module.

6. (Original) A printhead assembly according to claim 5, wherein each tubular portion is arranged so as to form a linear fluid connection with the at least one first channel.

7. (Original) A printhead assembly according to claim 6, wherein the at least one tubular portion is arranged so as to form a linear fluid connection with the at least one first channel.

8. (Currently Amended) A printhead assembly according to claim 1, wherein:

each printhead module is formed as a unitary arrangement of the respective at least two printhead integrated circuits, support member, associated fluid distribution members, and an electrical connector for connecting electrical signals to the at least two printhead integrated circuits; and

each support member has a plurality of apertures extending through a wall of the support member arranged so as to direct the printing fluid from the respective channel to associated nozzles in both, or if more than two, all of the printhead integrated circuits by way of respective ones of the fluid distribution members.